

Table I (3 of 3)
Identification of Achievable Performance Standards
Source Category: Graphic Arts

Regulated Component	Pollutant	Rule/Measure/Date									
		Yolo-Solano 2.29, Graphic Arts Printing Operations, 05/25/94		Printing and Publishing NESHAP							
		Performance Standard									
exempt compounds	VOC		methylene chloride; 1,1,1,trichloroethane plus others								
ink	VOC	x	300 grams VOC per liter of product as applied, less water and exempt compounds		limit emissions to < 4 % of the mass for the month for product and packaging rotogravure or wide-web flexographic printing						
coating	VOC	x	300 grams VOC per liter of product as applied, less water and exempt compounds		limit emissions to < 4 % of the mass for the month for product and packaging rotogravure or wide-web flexographic printing						
adhesive	VOC	x	150 grams VOC per liter of product as applied, less water and exempt compounds		limit emissions to < 4 % of the mass for the month for product and packaging rotogravure or wide-web flexographic printing						

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web splicing adhesive	VOC		300 grams VOC per liter of product as applied, less water and exempt compounds		limit emissions to < 4 % of the mass for the month for product and packaging rotogravure or wide-web flexographic printing				
specialty inks	VOC								
• metallic ink	VOC								
• matte finish ink	VOC								
fountain solution	VOC		100 g of VOC per liter of material, as applied						
publication gravure	VOC		85 % see emissions from printing and drying operations		92% overall control of organic HAP (assume HAP control = VOC control) or mass of organic HAP < 8% of the mass of volatile matter used				
packaging gravure	VOC		85 % see emissions from printing and drying operations		95% overall control of organic HAP (assume HAP control = VOC control) mass of organic HAP < 5% of the mass of volatile matter used				
specialty gravure	VOC		85 %						

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			see emissions from printing and drying operations								
gravure	VOC		75 % overall collection and control efficiency								
flexography	VOC		75 % overall collection and control efficiency		95% overall control of organic HAP (assume HAP control = VOC control)						
letterpress	VOC		75 % overall collection and control efficiency								
lithographic	VOC		75 % overall collection and control efficiency								
wall paper screen	VOC										
General Emission Limitations:											
emissions from printing and drying operations	VOC		overall collection and control efficiency of 85 % mass basis								
emission from other types of printing	VOC										
emissions control	VOC				92% overall control of organic HAP (assume HAP control = VOC						

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		Performance Standard									
				control) for publication rotogravure and 95 % overall control of organic HAP for product and packaging rotogravure and wide-web flexographic printing							
records - lists of solutions	VOC		maintain list with the VOC content								
records - type & quantity of use	VOC		record quantity of use on a monthly basis								
records - retention time	VOC		retain records for two years								

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		Performance Standard									
monitoring	VOC										
			daily records of the type and volume of materials used if using control system								
			O & M plan required and daily record key operating parameters								

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